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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: 3161-18-2

Inventors: Ming-De Deng of 1108 Westwood Lane, Manitowoc, Wisconsin 54220
J. David Angerer of 11 Slashpine Circle, Hockessin, Delaware 19707
Don Cyron of 1145 Thunderhill Road, Lincoln University, Pennsylvania 19352
Alan D. Grund of 3213 Lindbergh Drive, Manitowoc, Wisconsin 54220
Thomas A. Jerrell, Jr. of 2111 Stoney Brook Court, Manitowoc, Wisconsin 54220
Candice Leanna of 1065 Lime Kiln Road, Green Bay, Wisconsin 54302
Owen Mathre of 119 Westgate Drive, Wilmington, Delaware 19808
Reinhardt Rosson of 1029 N. 15th Street, Manitowoc, Wisconsin 54220
Jeff Running of 612 St. Clair Street, Manitowoc, Wisconsin 54220
Dave Severson of 1816 26th Street, Two Rivers, Wisconsin 54241
Linsheng Song of 2409 Risch Lane, Manitowoc, Wisconsin 54220
Sarah Wassink of 1728 N. Second Street, Sheboygan, Wisconsin 53081

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Express Mail Label No.: EV331285235US

Title: "PROCESS AND MATERIALS FOR PRODUCTION OF GLUCOSAMINE AND N-ACETYL GLUCOSAMINE"

Box Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

This application claims priority from U.S. Provisional Patent Application No. 60/383,348, filed July 1, 2002. The entire disclosure of the provisional application is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference. Enclosed for filing with the above-identified utility patent application are the following:

- Applicant claims small entity status. See 37 CFR 1.27.
- Specification (Total Pages of Text, including Abstract and Claims: 308)
- Drawing(s) (35 USC 113) (Total Sheets: 25 FORMAL)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - Computer Readable Copy
 - Paper Copy (identical to computer copy)
 - Attorney for applicants hereby asserts pursuant to 37 CFR § 1.821(f) that the content of the paper or computer readable copies of SEQ ID No:1 through SEQ ID No:137 submitted herewith are identical
- Return Postcard (MPEP 503) (should be specifically itemized)

FEE CALCULATION:

| | (COL. 1) NO. FILED | (COL. 2*) NO. EXTRA | SMALL ENTITY | | OR | LARGE ENTITY | |
|--|-----------------------|------------------------|--------------|-----------|------------|--------------|-------------|
| | | | RATE | Fee | | Rate | Fee |
| BASIC FEE: | | | | \$375.00 | OR | | \$750.00 |
| TOTAL CLAIMS: | 212 | - | 20 | 192 | X \$9 = | \$1,728.00 | OR X \$18 = |
| INDEP. CLAIMS: | 10 | - | 3 | 7 | X \$42 = | \$294.00 | OR X \$84 = |
| MULTIPLE DEPENDENT CLAIMS | | | | + \$140 = | \$ | OR | +\$280 = |
| *IF THE DIFFERENCE IN COL. 2 IS LESS THAN ZERO, ENTER "0" IN COL. 2. | | | | TOTAL: | \$2,397.00 | | |

OTHER INFORMATION:

1. **NO FEE IS ENCLOSED**
2. The Commissioner is hereby authorized to charge all required fees for extensions of time only under §1.17 to Deposit Account No. 19-1970.
3. Correspondence Address:

Angela K. Dallas
SHERIDAN ROSS P.C.
1560 Broadway, Suite 1200
Denver, Colorado 80202-5141
Telephone: (303) 863-9700
Facsimile: (303) 863-0223

4. Customer No: **22442**

Respectfully Submitted,

SHERIDAN ROSS P.C.

Angela Dallas
Angela K. Dallas
Registration No. 42,460

Date: July 1, 2003